

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
**USPTO Use Only**

EFS ID: 17701  
Application ID: 10065003  
Title of Invention: HOLE FORMING BY CROSS-SHAPE  
IMAGE EXPOSURE  
First Named Inventor: Tsung-Hsien Wu  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-09-09   
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: 8879-US-PA  
Digital Certificate Holder: cn=Belinda Lee, ou=Registered Attorneys, ou=Patent and  
Trademark Office, ou=Department of Commerce, o=U.S.  
Government, c=US  
Certificate Message Digest: 3+2/Sbag5hTza5iDTpp8yg==  
Total Fees Authorized: \$780.0

Payment Category: CC – Credit Card  
Credit Card Number: \*\*\*\*3109  
Expiration Date: 04302003  
Card Holder Name: LEE, HUAI-LU  
RAM User ID: EFSPROD  
RAM Accounting Date: 2002-09-09  
RAM Sequence Number: 520877  
RAM Payment Status: RAM success  
Postal Code: 99999



# TRANSMITTAL FORM

Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

8879-US-  
PA

Submission Type: Utility Patent  
Filing

## HOLE FORMING BY CROSS-SHAPE IMAGE EXPOSURE

First Named Inventor: Mr. Tsung-Hsien Wu

**SUBMITTED BY**

Name: Dr. Belinda Lee

Registration Number: 46,863

Electronic Signature Mark: /Belinda  
Lee/ Date Signed: 20020909

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

**Attached Files:**

declaration	8879declaration1.tif
declaration	8879declaration2.tif
specification	8879usf.xml
patent-assignments	8879usasgn.xml

fee-transmittal                           **8879usfee.xml**  
bibd-transmittal                       **8879usapds.xml**

**Attached Image File(s):**

**8879declaration1.tif**  
**8879declaration2.tif**

**Comments:**

## COMBINED DECLARATION AND POWER OF ATTORNEY

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name and that I believe I am an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

### **HOLE FORMING BY CROSS-SHAPE IMAGE EXPOSURE**

the specification of which

is attached hereto.  
 was filed on \_\_\_\_\_  
as Application Serial No. \_\_\_\_\_ and was amended on\_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s): **NOT APPLICABLE.**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

<b>Belinda Lee</b>	<b>(Reg. No. 46,863)</b>
<b>Jiawei Huang</b>	<b>(Reg. No. 43,330)</b>
<b>Charles C.H. Wu</b>	<b>(Reg. No. 39,081)</b>

---

SEND CORRESPONDENCE TO:

DIRECT TELEPHONE CALLS TO:

(Name and Telephone Number)

**JIANQ CHYUN Intellectual Property Office**  
7F.-1, No. 100, Roosevelt Rd., Sec. 2,  
Taipei 100, Taiwan, R.O.C.

**Belinda Lee**

TEL: 886-2-2369 2800  
FAX: 886-2-2369 7233

---

## COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

I hereby declare that all statements made herein of my own knowledge are true and that a statements made on information and belief are believed to be true; and further that these statement were made with the knowledge that willful false statements and the like so made are punishable b fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that suc willful false statements may jeopardize the validity of the application or any patents issued thereon.

Signature: Tsung-Hsien Wu Date: 4/July/2002

Sole or First Joint Inventor: Tsung-Hsien Wu

Citizenship: Taiwan, R.O.C.

Residence and Post Office Address: 8F-2, No. 138, Chin-Chu Rd., Hsinchu, Taiwan, R.O.C.

Signature: Ching-Yu Chang Date: 4/July/2002

Second Joint Inventor (if any): Ching-Yu Chang

Citizenship: Taiwan, R.O.C.

Residence and Post Office Address: No. 17, 6 Lin, Hsin-Cheng Rd., Tung-Le Tsun, Yuan-Sha Hsiang, Yilan Hsien, Taiwan, R.O.C.

Signature: Tahorng Yang Date: 4/July/2002

Third Joint Inventor (if any): Tahorng Yang

Citizenship: Taiwan, R.O.C.

Residence and Post Office Address: No. 16, Li-Hsin Rd., Science-Based Industrial Park Hsinchu, Taiwan, R.O.C.

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 3109  
Expiration Date: 20030430  
Authorized Name: LEE, HUAI-LU  
Billing Address: 99999

## BASIC FILING FEE

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

## EXTRA CLAIM FEES

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 13	103	\$ 18	0	\$ 0
Independent Claims: 3	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

## ADDITIONAL FEES

Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40